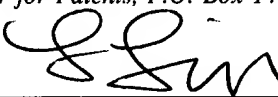




PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 1, 2005.


Lindsey Lin

Applicant : Haixiang Liang Confirmation No. 2336
Application No. : 09/627,571
Filed : July 28, 2000
Title : IMPAIRMENT SENSITIVE SELECTION OF CONSTELLATION POINTS FOR
COMMUNICATION ACROSS A CHANNEL

Grp./Div. : 2637
Examiner : Edith M. Chang

Docket No. : 55043/DBP/B600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
July 1, 2005

Commissioner:

Enclosed is an amendment to the above-identified application.

| CLAIMS AS AMENDED | | | | | | |
|---|---|-------------------------------|---------------------------|----------------------|----------------------|-----|
| | Claims Remaining After Amendment | Highest Number Paid For | Number Extra Claims | Small Entity Rate | Large Entity Rate | FEE |
| Total Claims Fee | 36 | *30 | 6 | x \$25.00 | 6 x \$50.00 | 300 |
| Independent Claims | 5 | ** 5 | 0 | x \$100.00 | x \$200.00 | 0 |
| Multiple Dependent Claims *** | | | | \$180.00 | \$360.00 | 0 |
| TOTAL FILING FEE | | | | | | 300 |
| NO ADDITIONAL FEE REQUIRED | IF NO FEE REQUIRED, INSERT "0" | | | | | |
| LIST INDEPENDENT CLAIMS: 1, 13, 20, 25, and 27 | | | | | | |
| * IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME | | | | | | |

Amendment Transmittal Letter
Application No. 09/627,571

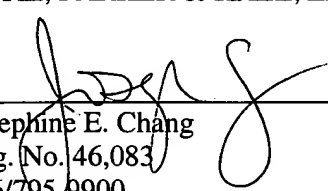
X Attached is our check for \$300 to pay the fees calculated above.
_____ A Petition for Extension of Time and the required fee are enclosed.
_____ Other enclosures:

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

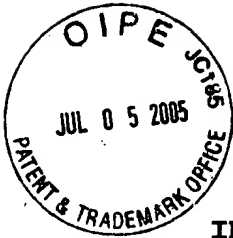
Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



Josephine E. Chang
Reg. No. 46,083
626/795-9900



JPW 2637

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Lindsey Lin

Appl No. : 09/627,571 Confirmation No. 2336
Applicant : Haixiang Liang
Filed : July 28, 2000
Title : IMPAIRMENT SENSITIVE SELECTION OF CONSTELLATION
POINTS FOR COMMUNICATION ACROSS A CHANNEL

TC/A.U. : 2637
Examiner : Edith M. Chang

Docket No. : 55043/DBP/B600
Customer No. : 23363

AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
July 1, 2005

Commissioner:

In response to the Office action of April 1, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 13 of this paper.

07/07/2005 NNGUYEN1 00000041 09627571

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